

03/06/14 Agenda:

- Update Properties Book
 - Whatever is missing (pages 1-8)
- Review Homework
 - Worksheet 12 - Special Quads in the Coordinate Plane
- Special Quadrilaterals Carousel
- Homework
 -

Stop 1

- Plot all 4 points.
- Label all 4 points.
- Connect the points in order.

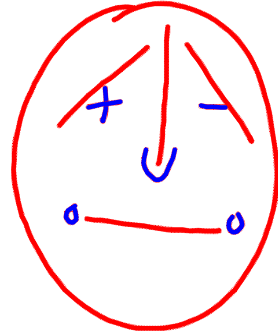


Stop 2

$$m = \frac{y_2 - y_1}{x_2 - x_1}$$

- Check the work at the stop before you and place your initials if its correct. If it is not, please explain to that person what they did wrong, correct if necessary and then place your initials.

- Calculate slopes for all four sides.
- Make sure your slope is a simplified [improper] fraction, not a decimal or a mixed number.
- Don't forget to show your work!



Stop 3

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$



• Check the work at the stop before you and place your initials if its correct. If it is not, please explain to that person what they did wrong, correct if necessary and then place your initials.

- Calculate the lengths for all four sides.
- Remember you can leave your distances either as a radical or as a decimal, just be consistent.
- Don't forget to show your work

Stop 4

- Check the work at the stop before you and place your initials if its correct. If it is not, please explain to that person what they did wrong, correct if necessary and then place your initials.
- Get together with everyone who has the same colored sheet as you. Decide what figure it is based off of the figuring done at the stops before you. Together, write a complete sentence explaining why it is that figure.
- You are now the expert. Go back to your home group and share what you discussed in your colored group. Answer any questions that may arise. If you cannot answer the questions, use your group members to help.



Reflection



- On the back of the sheet you did stop #4 at, write a short reflection on any of the following topics. Please write a minimum of 3 sentences

- What you learned today
- What you had difficulties with today
- What you still need work to work on before Tuesday's test
- Anything that surprised you today
- What you liked/disliked about this activity